

Title (en)

Sowing and cultivating method and tool combination for the application of this method.

Title (de)

Bestellsaatverfahren und Gerätekombination zur Durchführung eines Bestellsaatverfahrens.

Title (fr)

Méthode de semis et culture et combinaison d'outils pour l'exécution de cette méthode.

Publication

EP 0268163 A1 19880525 (DE)

Application

EP 87116395 A 19871106

Priority

DE 3638603 A 19861112

Abstract (en)

1. Cultivating and sowing method in which the upper topsoil layer is removed by means of a rotating cutter provided with soil-removing tools and dispensed backwards as seen in the direction of travel as thrown soil and seed is widely deposited through the soil tracks by the seed guide tubes on the soil horizon produced by the cutter and is covered by the soil tracks, characterized in that the soil in front of the cutter is compacted by a presser roll, the soil tracks produced by the cutter are guided rearwards freely, i.e. without a bottom flap, the seed guide tubes open into duckfoot broadcasting coulters and the working depth of the cutter and of the coulters is determined by the presser roll running in front and a supporting arrangement running behind, this tool unit being pulled by a tractor.

Abstract (de)

Es wird ein Bestellsaatverfahren mit grubentiefer Bodenbearbeitung und Aussaat von Saatgut in einem Arbeitsgang vorgeschlagen. Durch die erfindungsgemäße Kombination an sich bekannter Bodenbearbeitungsgeräte mit einer Sävorrichtung wird der Boden gelockert, dann wieder rückverfestigt, flach gefräst und das Saatgut unter den Bodenwurfbahnen nach einer hinten offenen Flachfräse (32) mittels gänsefußartiger Säschare (40) breitflächig ausgebracht.

IPC 1-7

A01B 49/06

IPC 8 full level

A01B 49/06 (2006.01); **A01C 7/00** (2006.01)

CPC (source: EP)

A01B 49/06 (2013.01); **A01C 7/00** (2013.01)

Citation (search report)

- [A] FR 2302010 A1 19760924 - BONNEL HENRI [FR]
- [A] US 4432292 A 19840221 - SCOTT KENNETH G [US]
- [A] FR 2124063 A3 19720922 - LOTHON RENE [FR]
- [A] EP 0075133 A1 19830330 - VON BREMEN OLTSMANN
- [A] DE 8222674 U1 19840802
- [AD] GB 1094681 A 19671213 - DOXAMS LTD, et al
- [A] FR 2032019 A5 19701120 - LOTHON RENE, et al

Cited by

EP0405377A1; DE29608373U1; CN104718847A; RU177698U1; EP0615681A1; FR2702628A1; RU2474099C1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0268163 A1 19880525; **EP 0268163 B1 19901024**; DE 3638603 A1 19880526; DE 3765749 D1 19901129; DK 584987 A 19880513; DK 584987 D0 19871106

DOCDB simple family (application)

EP 87116395 A 19871106; DE 3638603 A 19861112; DE 3765749 T 19871106; DK 584987 A 19871106